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Patent Application of  
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for

Valley Truss Uplift Resistance Strap With Wedge and Method of Use

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**CROSS-REFERENCES TO RELATED APPLICATIONS**

Benefit herein is claimed for U.S. Provisional Patent Application 60/266,761.

**BACKGROUND - FIELD OF INVENTION**

This invention relates to uplift resistance straps and tie-downs used in roof construction, specifically to an uplift resistance strap, and a method for its use in roof construction, for tie-down requirements of manufactured valley truss components supported by structural wood members or standard manufactured wood roof truss systems, the strap having a unitary construction, a substantially planar base member, and a web member extending upwardly at an acute angle from the base member so that a triangular wedge is formed between the base member and the web member.

**BACKGROUND - DESCRIPTION OF PRIOR ART**

During the past ten years, local communities have become increasingly strict in the enforcement of building codes to achieve quality construction. This particularly applies to roof construction in commercial and residential buildings, to give assurance that finished roofs will have the uplift resistance needed to withstand the damaging effects of strong winds. Current regulations governing construction can differ in neighboring communities. However, over the next few years it is expected for regional rules to be established, rather than having the standards vary from one county to the next. For instance, in Florida where most communities are subject to